

REXtac® APAO RT 2385

Polyalphaolefin

Huntsman Corporation

Message:

Ethylene copolymer

General Information			
Features	Rigid, good		
	Copolymer		
	Good flexibility		
	Heat resistance, medium		
	amorphous		
	Viscosity, High		
Uses	Sealant		
	Adhesive		
Agency Ratings	FDA 21 CFR 175.105		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	0.800	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-29.0	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Density (190°C)	0.740	g/cm³	
Additional Information			

Melt Viscosity, ASTM D3236, 300°F: 35000 cpsMelt Viscosity, ASTM D3236, 325°F: 15000 cpsMelt Viscosity, ASTM D3236, 350°F: 11000 cpsMelt Viscosity, ASTM D3236, 375°F: 8500 cpsMelt Viscosity, ASTM D3236, 400°F: 6000 cpsNeedle Penetration, ASTM D1321, 25°C: 2.0 mmSoftening Point by Ring and Ball, ASTM E28: 285°FShear Adhesion Failure Temp. (SAFT), Kraft/Kraft, Huntsman Method: 235°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 20 secondsFlashpoint, COC, ASTM D93: >450°F

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